

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1.-36. (Canceled)

37. (Currently Amended) A composition for detecting a breast cancer cell in a biological sample of a patient, said composition comprising:

- (a) a first oligonucleotide; and
- (b) a second oligonucleotide;

wherein said first oligonucleotide and said second oligonucleotide hybridize to a first polynucleotide, or the complement thereof, and to a second polynucleotide, or the complement thereof, respectively; wherein said first polynucleotide and said second polynucleotide are selected from the group consisting of the polynucleotides depicted in SEQ ID NO: 75 and SEQ ID NO: 7.~~first polynucleotide is unrelated in nucleotide sequence from said second polynucleotide; and wherein said first polynucleotide and said second polynucleotide are tissue-specific polynucleotides of the cancer cell to be detected.~~

38.-39. (Canceled)

40. (Currently Amended) The composition of ~~any one of claim 37 and claim 38~~ wherein said oligonucleotides are selected from the group consisting of oligonucleotides as disclosed in SEQ ID NO: 58 and 55.

41. (Currently Amended) A composition for detecting a breast cancer cell in a biological sample of a patient, said composition comprising:

- (a) a first oligonucleotide pair; and

(b) a second oligonucleotide pair;

wherein said first oligonucleotide pair and said second oligonucleotide pair hybridize to a first polynucleotide (~~or the complement thereof~~) and to a second polynucleotide (~~or the complement thereof~~), respectively; wherein said first polynucleotide and said second polynucleotide are selected from the group consisting of the polynucleotides depicted in SEQ ID NO: 75 and SEQ ID NO: 7; ~~polynucleotide is unrelated in nucleotide sequence from said second polynucleotide; and wherein said first polynucleotide and said second polynucleotide are tissue-specific polynucleotides of the cancer cell to be detected.~~

42.-43. (Canceled)

44. (Previously Presented) The composition of ~~any one of claim 41 and claim 42~~ wherein said oligonucleotides are selected from the group consisting of oligonucleotides as disclosed in SEQ ID NOs: 53, 54, 56, and 57.

45. (Previously Presented) A composition comprising an oligonucleotide primer or probe of between 15 and 100 nucleotides that comprises an oligonucleotide selected from the group consisting of oligonucleotides depicted in SEQ ID NOs: 53-58.

46. (Currently Amended) The composition of claim 45 ~~comprising an~~ wherein the oligonucleotide primer or probe is selected from the group consisting of oligonucleotides depicted in SEQ ID NOs: 53-58.